

IFC

PATENT APPLICATION

UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q77575

Yung-lyul LEE, et al.

Appln. No.: 10/669,729

Group Art Unit: 2624

Confirmation No.: 6415

Examiner: Not yet assigned

Filed: September 25, 2003

For: SIGNAL ADAPTIVE FILTERING METHOD, SIGNAL ADAPTIVE FILTER AND  
COMPUTER READABLE MEDIUM FOR STORING PROGRAM THEREFOR

STATEMENT UNDER 37 CFR § 1.97(e)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned hereby states, upon information and belief:

That each item of information contained in the Information Disclosure Statement filed concurrently herewith was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of said Information Disclosure Statement.

Respectfully submitted,

Seok-Won Stuart Lee\*

\*Granted limited recognition under  
37 C.F.R. § 10.9(b), as shown in a copy of  
the same filed on February 27, 2004, at the  
U.S.P.T.O.

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: May 27, 2004



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**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents, other than any U.S. patents and patent publications, is submitted herewith, along with a copy of the corresponding Communication from a Foreign Patent Office.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/669,729

filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



Seok-Won Stuart Lee\*

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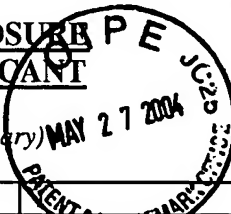
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Substitute for Form 1449 A & B/PTO  <b>INFORMATION DISCLOSURE P E</b> <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Complete if Known	
			Application Number	10/669,729
			Confirmation Number	6415
			Filing Date	September 25, 2003
			First Named Inventor	Yung-lyul LEE
			Art Unit	2624
			Examiner Name	Not yet assigned
			Attorney Docket Number	Q77575
Sheet	1	of		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 5,610,729		03/11/1997	Nakajima
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		EP	0 781 053	A2	06/25/1997	Apostolopoulos et al.	
		WO	99/22509		05/06/1999	Lee et al.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		Webb, "Postprocessing to Reduce Blocking Artifacts for Low Bit-Rate Video Coding Using Chrominance Information," Proceedings of the International Conference on Image Processing, (September 16-19, 1996), Vol. 1, pp. 9-12.	
		Hu et al., "Removal of Blocking and Ringing Artifacts in Transform Coded Images," <u>Acoustics, Speech and Signal Processing</u> , 1997, IEEE International Conference April 21, 1997, pp. 2565-2568.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.